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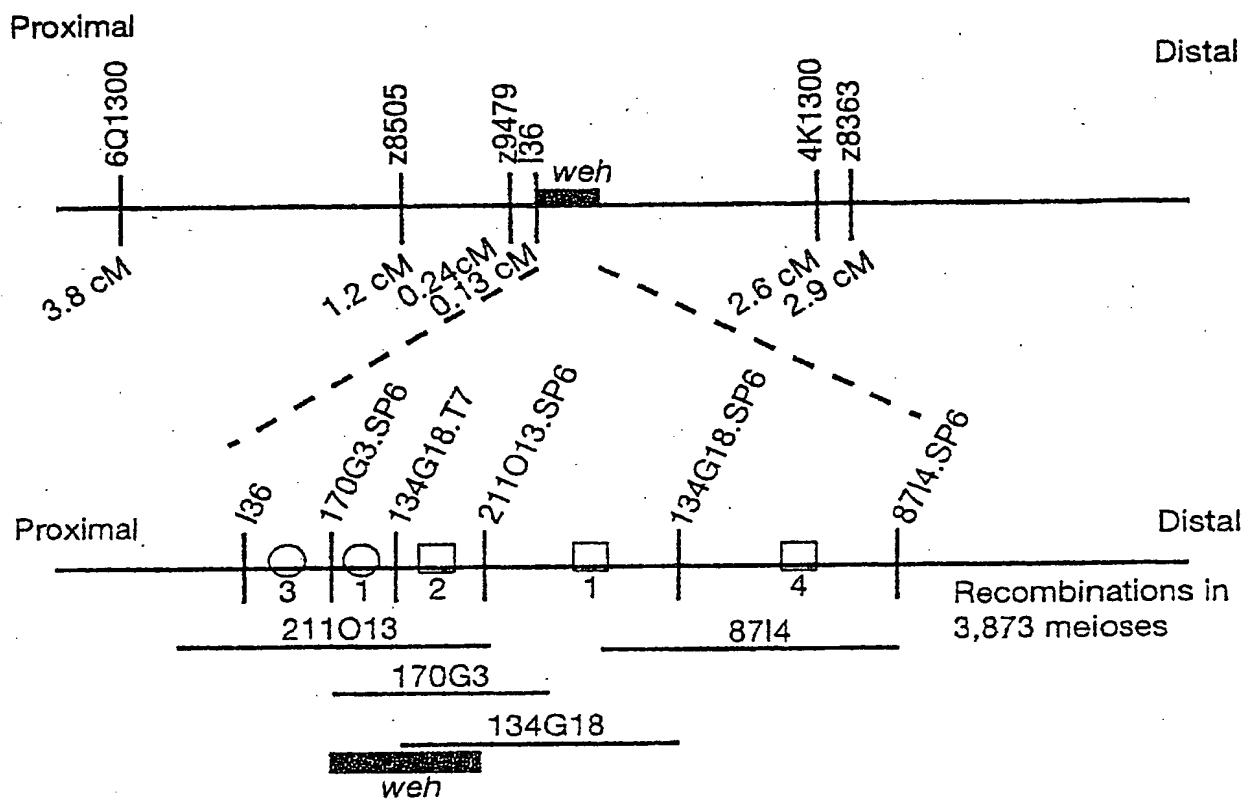


FIG. 1

| | | | |
|-----------|------|---|-----|
| Zebrafish | FPN1 | M D S P A S K K P R - - - C E R F R E F F K S A K F L I Y V G H A S T A W G D R | 37 |
| Human | FPN1 | M T R A G D H N R R G C C G S L A D Y L T S A K F L D Y L G H S L S T M G D R | 40 |
| Mouse | FPN1 | M T K A R D Q T H Q E G C C G S L A N Y L T S A K F L L Y L G H S L S T M G D R | 40 |
| Zebrafish | FPN1 | M W N F A V A V E L V E L Y G N S L L L T A V Y G L V V A G S V L L L G A I T G | 77 |
| Human | FPN1 | M W H F A V S V E L V E L Y G N S L L L T A V Y G L V V A G S V L V L G A I T G | 80 |
| Mouse | FPN1 | M W H F A V S V E L V E L Y G N S L L L T A V Y G L V V A G S V L V L G A I T G | 80 |
| Zebrafish | FPN1 | D W V D K N P R L K V A Q T S L V V Q N S A V T L C G A L L M A V F Q F R Q Q E | 117 |
| Human | FPN1 | D W V D K N A R L K V A Q T S L V V Q N V S V L C G T L M M V F L H K H E L | 120 |
| Mouse | FPN1 | D W V D K N A R L K V A Q T S L V V Q N V S V L C G T L M M V F L H K H E L | 120 |
| Zebrafish | FPN1 | S S M Y D E T L L T T C Y I M V T S I A N T A N L A S T A H S I T T O R D W V V | 157 |
| Human | FPN1 | S T M Y H G C V L T S C Y I L T I T I A N T A N L A S T A T A T I T I O R D W V V | 160 |
| Mouse | FPN1 | S T M Y H G C V L T V C Y I L T I T I A N T A N L A S T A T A T I T I O R D W V V | 160 |
| Zebrafish | FPN1 | V V A G E D I R S K L A D M N A T V I R I T D Q L T N I L A P M L V G Q T W A F G S | 197 |
| Human | FPN1 | V V A G E D I R S K L A N M N A T I R R I D Q L T N I L A P M A V G Q T W T E G S | 200 |
| Mouse | FPN1 | V V A G E N R S R L A D M N A T I R R I D Q L T N I L A P M A V G Q T W T E G S | 200 |
| Zebrafish | FPN1 | H F E G C G F L S G W N L V S M G V E V L L N K V Y O K T R A L A V K A A L K | 237 |
| Human | FPN1 | H F E G C G F L S G W N L V S M G V E V L L N K V Y O K T R A L A V K A A L K | 240 |
| Mouse | FPN1 | H F E G C G F L S G W N L V S M G V E V L L N K V Y O K T R A L A V K A A L K | 240 |
| Zebrafish | FPN1 | D S D D Q I E H I N I Q K E I G N T E S I R V E A S O L M T E S S - - - - E | 271 |
| Human | FPN1 | E - E E T I E L K Q L N L H K D T E P K - - P E E G T I L M G V K D S N T H E L E | 277 |
| Mouse | FPN1 | V - E E S E L K Q L T S P K D T E P K - - P E E G T I L M G E K D S N T R E N E | 277 |
| Zebrafish | FPN1 | P K K D T G C C Y Q M A E P I R T E K D G W A Y Y N Q S I F F A G M S L A F L | 311 |
| Human | FPN1 | H E Q E P T G C A S Q M A E P E R T E R D G W S Y Y N Q P V F L A G M G E A F L | 317 |
| Mouse | FPN1 | C E Q E P T G C A S Q M A E P E R T E R D G W S Y Y N Q P V F L A G M G E A F L | 317 |
| Zebrafish | FPN1 | Y M T V L G F D C I T G Y A Y T Q G L S G S I L S I L M G A S A I T G I M G | 351 |
| Human | FPN1 | Y M T V L G F D C I T G Y A Y T Q G L S G S I L S I L M G A S A I T G I M G | 357 |
| Mouse | FPN1 | Y M T V L G F D C I T G Y A Y T Q G L S G S I L S I L M G A S A I T G I M G | 357 |
| Zebrafish | FPN1 | V A F T W I R K K C G L I R T G F T A G V T Q L S G E T L C V A S V F A P G S P | 391 |
| Human | FPN1 | V A F T W I R K K C G L V R T G L T S G L A Q L S G L I L C V T S V F M P G S P | 397 |
| Mouse | FPN1 | V A F T W I R K K C G L R T G L F S G L A Q L S G L I L C V T S V F M P G S P | 397 |
| Zebrafish | FPN1 | F D L S V S P E K E V L R H L F G D S G S L R E S - - - P T F I P T T E P P I - | 427 |
| Human | FPN1 | D L S V S P E E D T - R S R H I Q G E S I T P T - K I P E - - I T T E I Y M S | 433 |
| Mouse | FPN1 | D L S V S P E E Q D - R S R E V N V E P V S P T K I P E T V F T E M H M S | 436 |
| Zebrafish | FPN1 | - - - Q A N V T V F E E A P P V E S Y M S V G L L E A G V I A A R V G L W S F D | 464 |
| Human | FPN1 | N G S N S A N I V P E T S P E S V P T I S V S L E A G V I A A R I G L W S F D | 473 |
| Mouse | FPN1 | N M S N - - - - V H E M S T K P I P E V S V S L C F A G V I A A R I G L W S F D | 472 |
| Zebrafish | FPN1 | L T V T Q L I Q E N V I E S E R G V T N G V Q N S M N Y L L D L L H F I M V I L | 504 |
| Human | FPN1 | L T V T Q L I Q E N V I E S E R G V T N G V Q N S M N Y L L D L L H F I M V I L | 513 |
| Mouse | FPN1 | L T V T Q L I Q E N V I E S E R G V T N G V Q N S M N Y L L D L L H F I M V I L | 512 |
| Zebrafish | FPN1 | A P N P E A F G L E V I T S V S F V A M G H M M Y F R F A Y K S L G S R L F | 544 |
| Human | FPN1 | A P N P E A F G L V L L Y S V S F V A M G H I M Y F R F A Q N T L G R K L F A | 552 |
| Mouse | FPN1 | A P N P E A F G L V L L Y S V S F V A M G H L M Y F R F A Q K T L G N Q I E V | 551 |
| Zebrafish | FPN1 | G S P E Q K P D P N I - P S L P N S V | 562 |
| Human | FPN1 | G G P D A K E V R K E N Q A N T S V A | 571 |
| Mouse | FPN1 | G G P D E K E V T D E N Q P N T S V A | 570 |

FIG. 2

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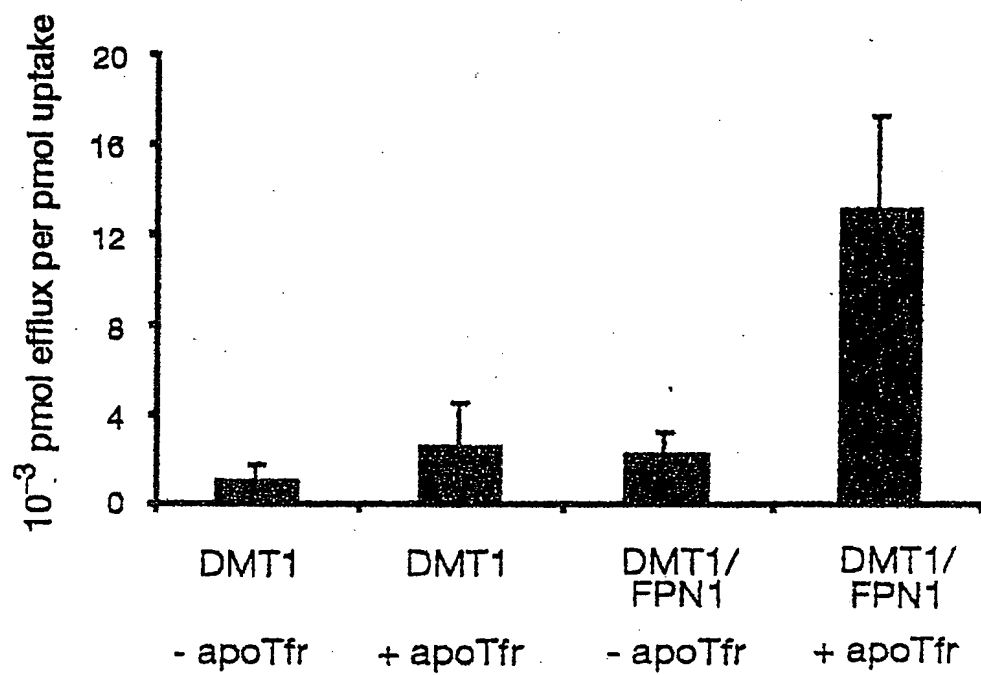


FIG. 3